

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20030128979"	US-PGPUB; USPAT	OR	ON	2007/09/26 10:35
L2	1	10/806330	US-PGPUB; USPAT	OR	ON	2007/09/26 11:38
L3	199	398/34.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/26 11:38
L4	1102	398/79.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/26 11:38
L5	182	detect near2 (count\$3 near2 error)	US-PGPUB; USPAT	OR	ON	2007/09/26 11:39
L6	2	5 and (WDM)	US-PGPUB; USPAT	OR	ON	2007/09/26 11:39
L7	158	398/97.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/26 11:40
L8	24	398/103.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/26 11:40
L9	143	398/157.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/26 11:40
L10	39	((HIROSHI) near2 (NAKAMOTO)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/26 11:40
L11	404	((TAKAO) near2 (NAITO)).INV.	EPO; JPO; DERWENT	OR	ON	2007/09/26 11:41
L12	112	((TAKAO) near2 (NAITO)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/26 11:41
S1	102	398/26	US-PGPUB; USPAT	OR	ON	2007/04/01 23:31
S2	16	"5510917"	US-PGPUB; USPAT	OR	ON	2007/03/30 18:56
S3	0	(WDM with quality with monitor\$3 with demultiplex\$3 with deteriorat\$3 with factor with monitor)	US-PGPUB; USPAT	OR	ON	2007/03/30 18:58
S4	0	(WDM with demultiplex\$3 with deteriorat\$3 with factor with monitor)	US-PGPUB; USPAT	OR	ON	2007/03/30 18:58
S5	191	398/34.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/30 19:00
S6	93	S5 AND ( bit with error factor)	US-PGPUB; USPAT	OR	ON	2007/03/30 20:06

## EAST Search History

S7	1	(deterioration factor with XT or ASE with noise WITH XPM with IFWM with error with correction)	US-PGPUB; USPAT	WITH	ON	2007/04/01 19:22
S8	8	"6532087"	US-PGPUB; USPAT	OR	ON	2007/04/01 19:25
S9	1	"6522087"	US-PGPUB; USPAT	WITH	ON	2007/04/01 19:22
S10	0	(WDM with control with signal with generat\$3 with section) NEAR (bit with error with section)	US-PGPUB; USPAT	OR	ON	2007/04/01 19:28
S11	0	(control with signal with generat\$3 with section) NEAR (bit with error with section)	US-PGPUB; USPAT	OR	ON	2007/04/01 19:33
S12	1118	(optical with power generat\$3 with control) NEAR S9 (BER and WDM )	US-PGPUB; USPAT	OR	ON	2007/04/01 19:35
S13	4	S12 AND (control SAME generator\$ with section)	US-PGPUB; USPAT	OR	ON	2007/04/01 19:39
S14	1	10/806330	US-PGPUB; USPAT	OR	ON	2007/04/01 19:44
S15	1	"20020048062"	US-PGPUB; USPAT	OR	ON	2007/04/01 19:47
S16	1	"20040052524"	US-PGPUB; USPAT	OR	ON	2007/04/01 19:56
S17	2	"20040052524"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 19:56
S18	2	"20020131115"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 20:01
S19	2	"20030128979"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 21:23

## EAST Search History

S20	2	"20030128979"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 23:06
S21	2	"20020131115"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 23:07
S22	2	"20040052524"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 23:07
S23	2	"20030128979"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 23:08
S24	1	(US-5510917-\$).did.	USPAT	OR	ON	2007/04/01 23:08
S25	3	"6556617"	US-PGPUB; USPAT	OR	ON	2007/04/01 23:11
S26	1	"20020048062"	US-PGPUB; USPAT	OR	ON	2007/04/01 23:12
S27	3	"6952529"	US-PGPUB; USPAT	OR	ON	2007/04/01 23:12
S28	127	398/26.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/01 23:32
S29	0	(WDM with Quality with monitor) NEAR2 (deterioration factor WITH control with Signal)	US-PGPUB; USPAT	OR	ON	2007/04/01 23:50
S30	34	(WDM with Quality with monitor)	US-PGPUB; USPAT	OR	ON	2007/04/01 23:50
S31	0	(frequency WITH occurrence With bit with error)	US-PGPUB; USPAT	OR	ON	2007/04/01 23:51
S32	2317	(Deteriorat\$3 With quality and grid)	US-PGPUB; USPAT	OR	ON	2007/04/01 23:52
S33	31	S32 AND (grid AND adjacent with wavelength)	US-PGPUB; USPAT	OR	ON	2007/04/01 23:52

## EAST Search History

S34	19	(Control with signal with monitor with deteriorat\$3 and factor)	US-PGPUB; USPAT	OR	ON	2007/04/01 23:53
S35	0	(monitor\$3 With method with WDM and branc\$3 adj section and wavelength with select\$3 with Section with bit with error)	US-PGPUB; USPAT	OR	ON	2007/04/01 23:55
S36	0	(monitor\$3 With method with WDM and branc\$3 adj section)	US-PGPUB; USPAT	OR	ON	2007/04/01 23:55
S37	201	(monitor\$3 With method with WDM )	US-PGPUB; USPAT	OR	ON	2007/04/01 23:56
S38	0	(branc\$3 with deteriorat\$3 with factor with swithch with section)	US-PGPUB; USPAT	OR	ON	2007/04/01 23:57
S39	0	(branc\$3 with deteriorat\$3) with (factor with swithch with section)	US-PGPUB; USPAT	OR	ON	2007/04/01 23:57
S40	18459	(branc\$3 with deteriorat\$3 WDM)	US-PGPUB; USPAT	OR	ON	2007/04/01 23:58
S41	127	398/26.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/01 23:58
S42	191	398/34.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/01 23:59
S43	23	398/103.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/01 23:59
S44	133	398/30.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/01 23:59
S45	139	398/157.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 00:00
S46	596	398/82.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 00:00
S47	104	398/173.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 00:00
S48	458	398/45.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 00:00
S49	325	398/59.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 00:00
S50	73	398/60.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 00:00
S51	0	398/321.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 00:00
S52	325	398/59.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 00:01
S53	127	398/26.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 00:01
S54	0	398/224.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 00:01

## EAST Search History

S55	698	714/704.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 00:01
S56	28	714/705.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 00:01
S57	569	714/712.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 00:02
S58	1	(WDM with monitor with quality with deterioration WITH factor)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:03
S59	0	(WDM with multiplexing with adjacent NEAR2 wavelength with grid)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:05
S60	0	(WDM with multiplexing with adjacent NEAR2 wavelength with grid)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:05
S61	0	(adjacent NEAR2 wavelength with grid) NEAR2 (frequency with occurrence with pre\$3 with time)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:10
S62	1637	control with signal with generation with section and power	US-PGPUB; USPAT	OR	ON	2007/04/02 11:12
S63	193244	(control with signal with generation with section and power with wavelength grid)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:12
S64	0	S63 and time adj distribut\$3 with judge and deterioration	US-PGPUB; USPAT	OR	ON	2007/04/02 11:13
S65	10	S63 and (power and judge with deterioration)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:22
S66	0	"440320899"	US-PGPUB; USPAT	OR	ON	2007/04/02 11:23
S67	28	"4947171"	US-PGPUB; USPAT	OR	ON	2007/04/02 11:24
S68	1	signal with measured with quality with wavelength with adjacent with grid	US-PGPUB; USPAT	OR	ON	2007/04/02 11:25
S69	0	WDM with quality with adjacent with grid and frequency	US-PGPUB; USPAT	OR	ON	2007/04/02 11:26
S70	0	monitor and time adj wise with distribution with occurrence	US-PGPUB; USPAT	OR	ON	2007/04/02 11:27
S71	0	monitor with factor with grid with adjacent with signal	US-PGPUB; USPAT	OR	ON	2007/04/02 11:27
S72	7	(wavelength with grid with plurality with frequency and bit with error with rate)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:29
S73	1	time-wise with distribution with judgment with factor	US-PGPUB; USPAT	OR	ON	2007/04/02 11:30

## EAST Search History

S74	28	"4947171"	US-PGPUB; USPAT	OR	ON	2007/04/02 11:30
S75	4	WDM with quality with monitor with multiple\$3 and branch with transmission	US-PGPUB; USPAT	OR	ON	2007/04/02 11:32
S76	0	(WDM with repeater with quality with monitor with factor with BER)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:33
S77	0	quality with WDM and select\$3 with branch WITH judg\$3	US-PGPUB; USPAT	OR	ON	2007/04/02 11:34
S78	82	S63 And wavelength with grid with frequency and bit with error	US-PGPUB; USPAT	OR	ON	2007/04/02 11:35
S79	26	S63 AND (quality NEAR2 wavelength with grid)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:37
S80	449	S62 AND (WDM and signal with exist same wavelength space)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:39
S81	2	S62 AND (WDM and signal with exist same wavelength space and deterioration with factor)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:40
S82	0	S62 AND (deterioration and factor and wanelength)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:41
S83	191	398/34.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/02 11:42
S84	0	S83 and S62	US-PGPUB; USPAT	OR	ON	2007/04/02 11:42
S85	149	S62 AND (bit with error and control with generat\$3)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:43
S86	12	(quality with branch\$3 same select\$3 with frequency)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:46
S87	0	(quality and monitor with multiplex with signal and adjcent NEAR2 judg\$3)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:47
S88	0	(quality and monitor with multiplex with signal and adjcent )	US-PGPUB; USPAT	OR	ON	2007/04/02 11:48
S89	16	(quality and monitor with deteriorat\$3 with factor)	US-PGPUB; USPAT	OR	ON	2007/04/02 11:48
S90	1	"20030128979"	US-PGPUB; USPAT	OR	ON	2007/09/20 15:14
S91	158	398/27.ccls.	US-PGPUB; USPAT	OR	ON	2007/09/20 15:16
S92	1002	repeat\$4 near2 (measur\$4 near2 time\$1)	US-PGPUB; USPAT	OR	ON	2007/09/20 15:18
S93	0	S91 and S92	US-PGPUB; USPAT	OR	ON	2007/09/20 15:17

## EAST Search History

S94	1085	repeat\$4 near2 ((measur\$4 or detect) near2 time\$1)	US-PGPUB; USPAT	OR	ON	2007/09/20 15:19
S95	20	S94 and (bit adj error)	US-PGPUB; USPAT	OR	ON	2007/09/20 15:19
S96	1	"20030128979"	US-PGPUB; USPAT	OR	ON	2007/09/26 09:14